

Common Aviation Command and Control System (CAC2S)

DESCRIPTION

The CAC2S is a coordinated modernization effort to replace the existing command-and-control equipment of the Marine Air Command and Control System (MACCS) and to provide the ACE with the necessary hardware, software, equipment, and facilities to effectively control and coordinate air



operations. The CAC2S system will accomplish the MACCS missions with a suite of operationally scalable modules capable of supporting any operational contingency. The CAC2S integrates the functions of aviation command and control into an interoperable naval system that will support all Marine Corps warfighting concepts.

OPERATIONAL IMPACT

The CAC2S, in conjunction with MACCS organic sensors and weapons systems, supports

the tenets of Expeditionary Maneuver Warfare and fosters joint interoperability with other-service command-and-control systems. CAC2S will replace legacy command-and-control systems in the following Marine aviation elements: Tactical Air Command Center (TACC), Tactical Air Operations Center (TAOC), Direct Air Support Center (DASC), Marine Air Traffic Control Detachment (MATCD), and Low Altitude Air Defense Battalion (LAAD Bn)

PROGRAM STATUS

CAC2S is being developed in three increments as part of an evolutionary acquisition strategy. Increment I will replace the functionality of the TAOC and will baseline the core information fusion and management function common to all increments and eventually all MAGTF Operation Centers. Increment II will replace the TACC and DASC nodes. Increment III will achieve integration between CAC2S and the Air Surveillance and Precision Approach Radar Control System (ASPARCS) for Air Traffic Control functionality. CAC2S is an ACAT II program in the system development and demonstration phase. Initial procurement is planned for FY 2006 and initial operational capability for Increment I and Increment II is planned concurrently for FY 2007.

PROCUREMENT PROFILE:

The Procurement Profile is under development.

DEVELOPER/MANUFACTURER

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